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The main objectives of the project are to to develop a user friendly service via which users will be able to publish open data following the FAIR principles and also to find these published data again and access them in a convenient and performant way. The service shall be operable via
a large language model based user interface so that users would be able to ''talk" to the service requesting the required actions. Behind the scenes the requests would be translated into search commands to the metadata catalogue and the results can be confirmed by the user. After the
URL to the storage infrastructure has been given an automatic redirect to the corresponding storage infrastructure would be provided and the data are being served. This can be accomplished by combining the already existing components at DESY with the locally developed distributed storage middleware ''dCache" being in the centre of it. Further major components are the SciCat based metadata catalogue, the Helmholtz Authentication and Autorisation infrastructure as well as an easy to use landing page as user interface and for binding the components together.

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